

Warroad - RRT

Warroad International Memorial Airport

Associated City: Warroad, MN

MnDOT Classification: Key Airport

NPIAS Airport: Yes

2012 State Aviation System Plan Airport Project Needs Summary

| Code | Project Type | Recom- mended By | | COSTS | | |
|---------------|----------------------------|---------------------|------|---------------------|---------------------|---------------------|
| | | CIP | SASP | Short Term | Mid Term | Long Term |
| | | | | 2012-2015 | 2016-2020 | 2021-2030 |
| CO | Construction | | | | | |
| | Apron (CIP) | | | - | - | - |
| | Based Aircraft Apron | | | - | - | - |
| | Transient Aircraft Apron | | | - | - | - |
| DV | Development Land | | | - | - | - |
| EX | Extension/Expansion | | | | | |
| | Taxiway | | | - | - | - |
| FF | Fuel Farm Development | | | - | - | - |
| IM | Improvements | | | | | |
| | Apron Maintenance | ✓ | ✓ | 420,000 | 81,861 | 339,710 |
| | Runway Maintenance | ✓ | ✓ | 62,880 | 143,203 | 440,353 |
| | Taxiway Maintenance | ✓ | ✓ | 309,120 | 153,526 | 782,338 |
| | Runway Extension/Expansion | | | - | - | - |
| IN | Instrument Approach Aid | | | | | |
| | ILS | | | - | - | - |
| | FAA ILS Monitoring | | | - | - | - |
| LI | Lighting | | | | | |
| | Runway | ✓ | | 100,000 | - | - |
| | Taxiway | | | - | - | - |
| MA | Master Plan | | | | | |
| | ALP | | ✓ | 320,000 | 320,000 | 320,000 |
| | Master Plan | | ✓ | 150,000 | 150,000 | 150,000 |
| | Other | | | - | - | - |
| MS | Miscellaneous | | | | | |
| | Buildings | | | - | - | - |
| | Conventional Hangars | | | - | - | - |
| | T-Hangars | | | - | - | - |
| | Hangar Site Preparation | | | - | - | - |
| | Miscellaneous Equipment | | | - | - | - |
| | Snow Removal Equipment | ✓ | | 120,000 | - | - |
| OB | Obstruction Removal | | ✓ | - | 760,500 | - |
| PA | Parking | | | - | - | - |
| RF | ARFF Vehicle | | | - | - | - |
| SE | Security Improvements | | | | | |
| | Fencing | ✓ | ✓ | 400,000 | - | - |
| SG | Signs | | | - | - | - |
| SZ | Safety Zone (RPZ) | | | | | |
| | Zoning | | | - | - | - |
| VI | Visual Approach Aids | | | | | |
| | MALSR | ✓ | | 1,000 | - | - |
| | ODALS | | | - | - | - |
| | PAPI | | | - | - | - |
| | REILS | | | - | - | - |
| | Rotating Beacon | | | - | - | - |
| WX | Weather Reporting | | | | | |
| | AWOS | | | - | - | - |
| | Wind Cone | | | - | - | - |
| NW | New Key Airport | | | - | - | - |
| O | Other | | | - | - | - |
| TOTALS | | | | \$ 1,883,000 | \$ 1,609,091 | \$ 2,032,400 |

20 Year Total Estimated Cost: \$ 5,524,491

Notes: Data provided is for system planning purposes and shall not be used to justify individual improvement projects.

Project with "✓" in SASP and CIP column identified as need from CIP and system plan. Cost based on higher planned value.

Projects with "✓" in CIP column are not system plan recommendation but are identified as short term need from airport's 2012-2017 CIP from which cost was obtained.

Source: MnDOT Office of Aeronautics 2011 Inventory Survey and Airport Database & HNTB Analysis.